

1 TCC GAA CAT GAG ACC CGT CTG GTG GCA AAG CTA TTT AAA GAC TAC 45  
 1 Ser Glu His Glu Thr Arg Leu Val Ala Lys Leu Phe Lys Asp Tyr 15

46 AGC AGC GTG GTG CGG CCA GTG GAA GAC CAC CGC CAG GTC GTG GAG 90  
 16 Ser Ser Val Val Arg Pro Val Glu Asp His Arg Gln Val Val Glu 30

91 GTC ACC GTG GGC CTG CAG CTG ATA CAG CTC ATC AAT GTG GAT GAA 135  
 31 Val Thr Val Gly Leu Gln Leu Ile Gln Leu Ile Asn Val Asp Glu 45

136 GTA AAT CAG ATC GTG ACA ACC AAT GTG CGT CTG AAA CAG CAA TGG 180  
 46 Val Asn Gln Ile Val Thr Thr Asn Val Arg Leu Lys Gln Gln Trp 60

181 GTG GAT TAC AAC CTA AAA TGG AAT CCA GAT GAC TAT GGC GGT GTG 225  
 61 Val Asp Tyr Asn Leu Lys Trp Asn Pro Asp Asp Tyr Gly Gly Val 75

226 AAA AAA ATT CAC ATT CCT TCA GAA AAG ATC TGG CGC CCA GAC CTT 270  
 76 Lys Lys Ile His Ile Pro Ser Glu Lys Ile Trp Arg Pro Asp Leu 90

271 GTT CTC TAT AAC GAT GCA GAT GGT GAC TTT GCT ATT GTC AAG TTC 315  
 91 Val Leu Tyr Asn Asp Ala Asp Gly Asp Phe Ala Ile Val Lys Phe 105

316 ACC AAA GTG CTC CTG CAG TAC ACT GGC CAC ATC ACG TGG ACA CCT 360  
 106 Thr Lys Val Leu Leu Gln Tyr Thr Gly His Ile Thr Trp Thr Pro 120

361 CCA GCC ATC TTT AAA AGC TAC TGT GAG ATC ATC GTC ACC CAC TTT 405  
 121 Pro Ala Ile Phe Lys Ser Tyr Cys Glu Ile Ile Val Thr His Phe 135

406 CCC TTT GAT GAA CAG AAC TGC AGC ATG AAG CTG GGC ACC TGG ACC 450  
 136 Pro Phe Asp Glu Gln Asn Cys Ser Met Lys Leu Gly Thr Trp Thr 150

451 TAC GAC GGC TCT GTC GTG GCC ATC AAC CCG GAA AGC GAC CAG CCA 495  
 151 Tyr Asp Gly Ser Val Val Ala Ile Asn Pro Glu Ser Asp Gln Pro 165

496 GAC CTG AGC AAC TTC ATG GAG AGC GGG GAG TGG GTG ATC AAG GAG 540  
 166 Asp Leu Ser Asn Phe Met Glu Ser Gly Glu Trp Val Ile Lys Glu 180

541 TCC CGG GGC TGG AAG CAC TCC GTG ACC TAT TCC TGC TGC CCC GAC 585  
 181 Ser Arg Gly Trp Lys His Ser Val Thr Tyr Ser Cys Cys Pro Asp 195

586 ACC CCC TAC CTG GAC ATC ACC TAC CAC TTC GTC ATG CAG CGC CTG 630  
 196 Thr Pro Tyr Leu Asp Ile Thr Tyr His Phe Val Met Gln Arg Leu 210

Fig 1



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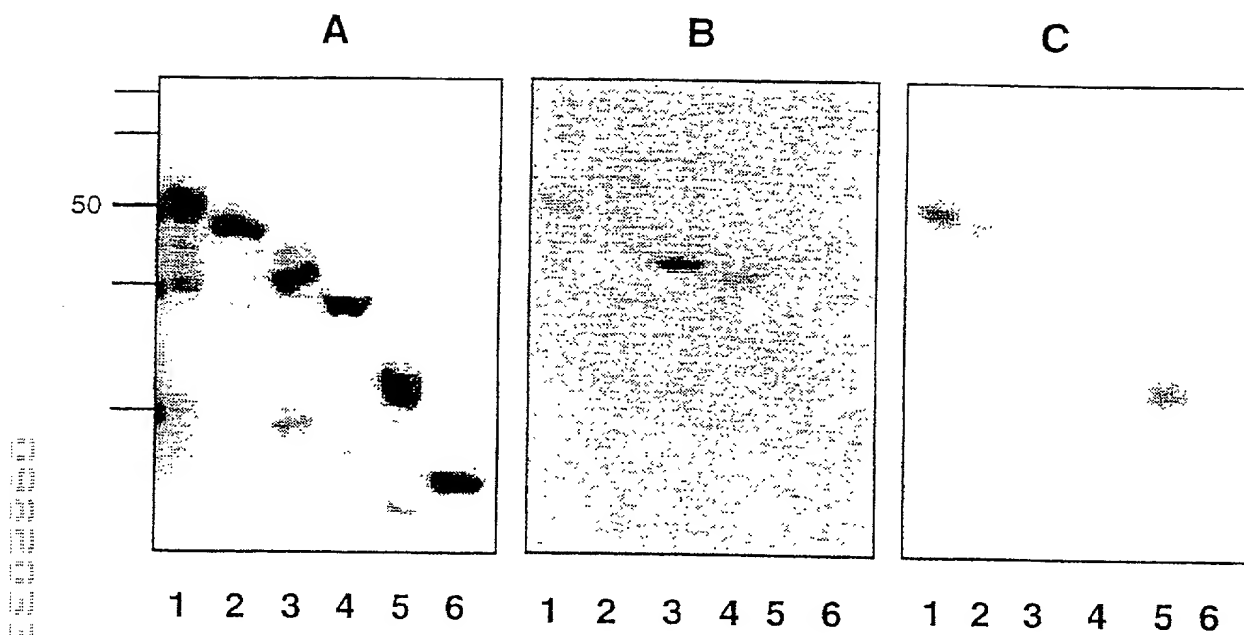


Fig 3.

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Fig 4

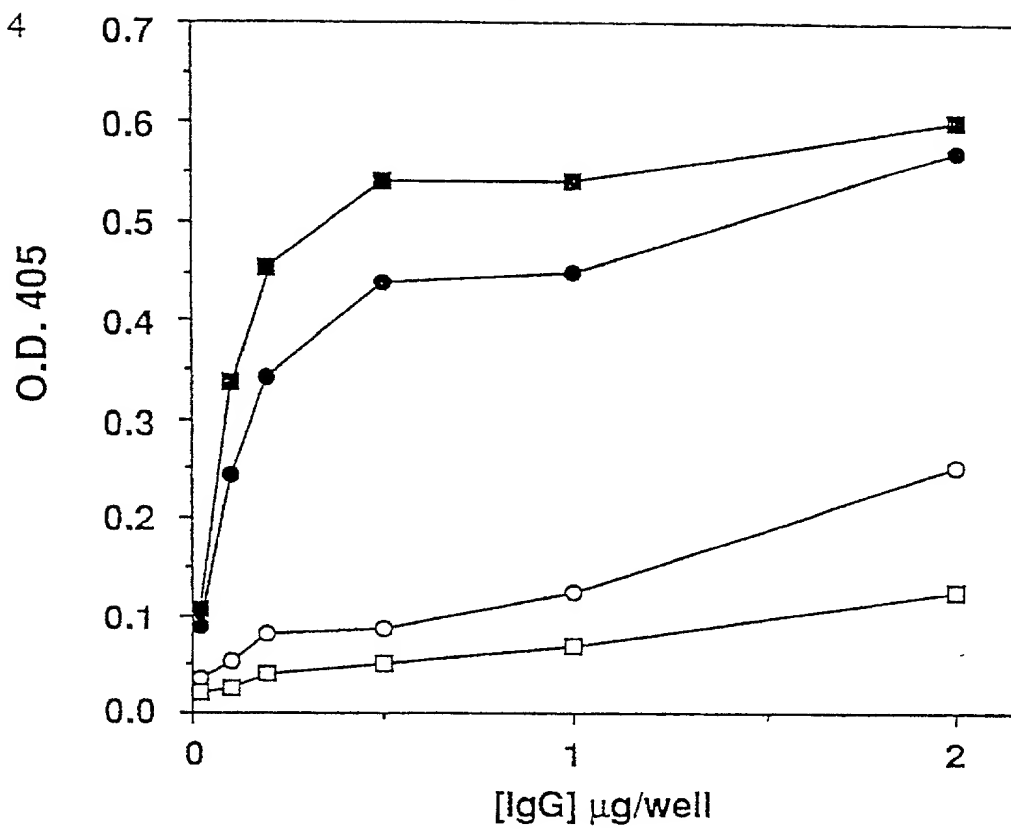
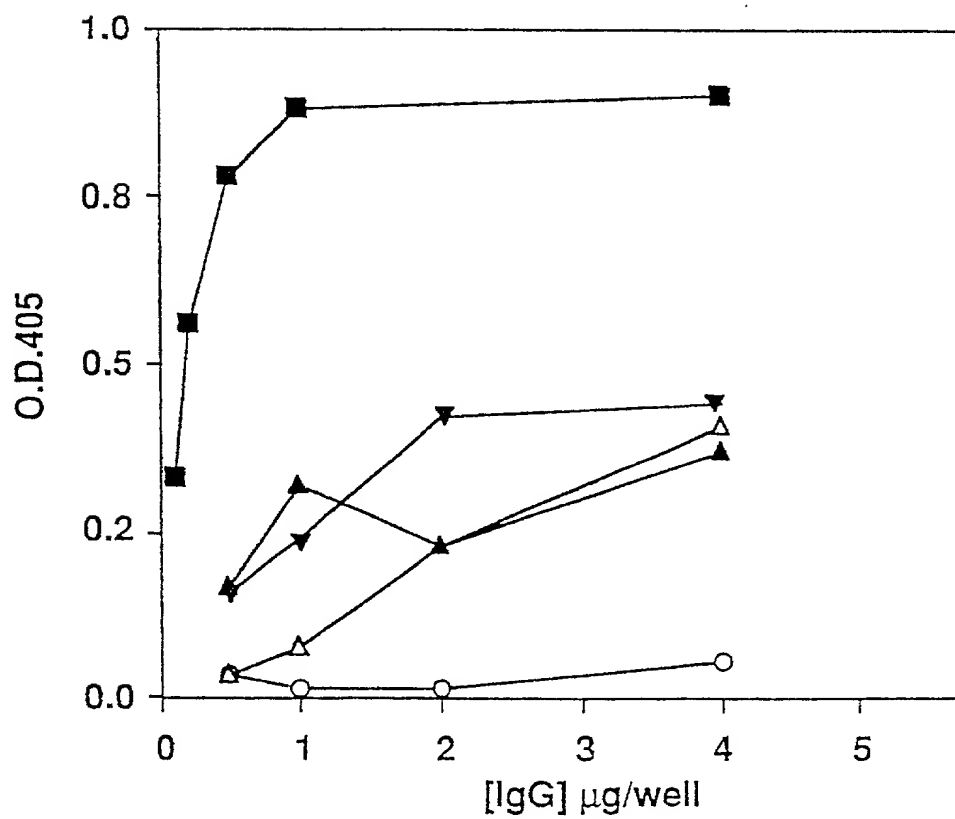


Fig 5



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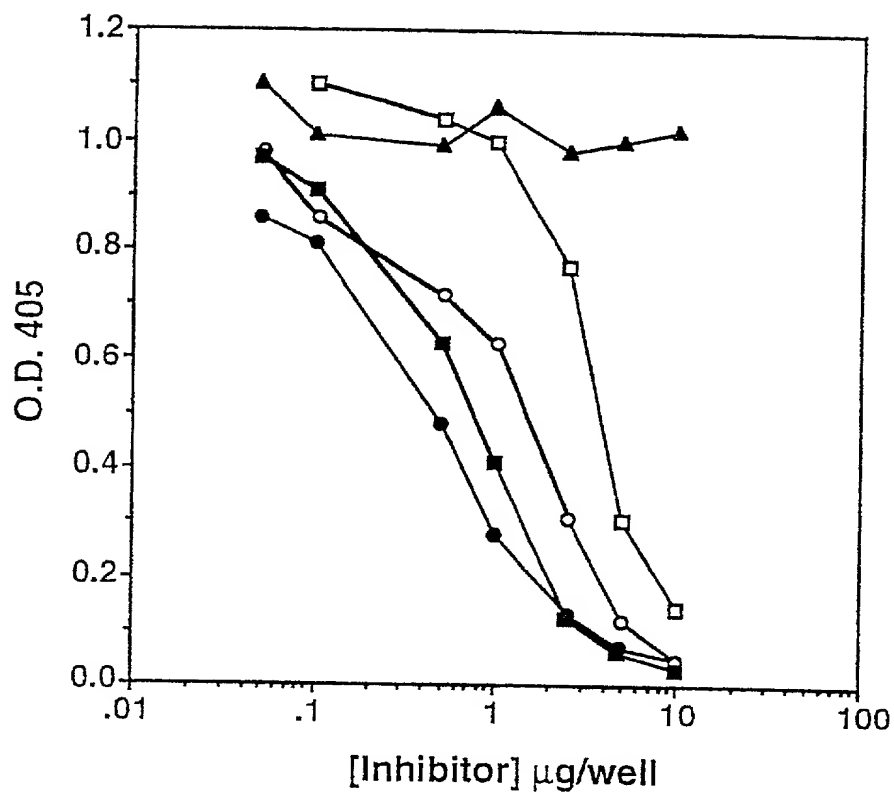


Fig 6

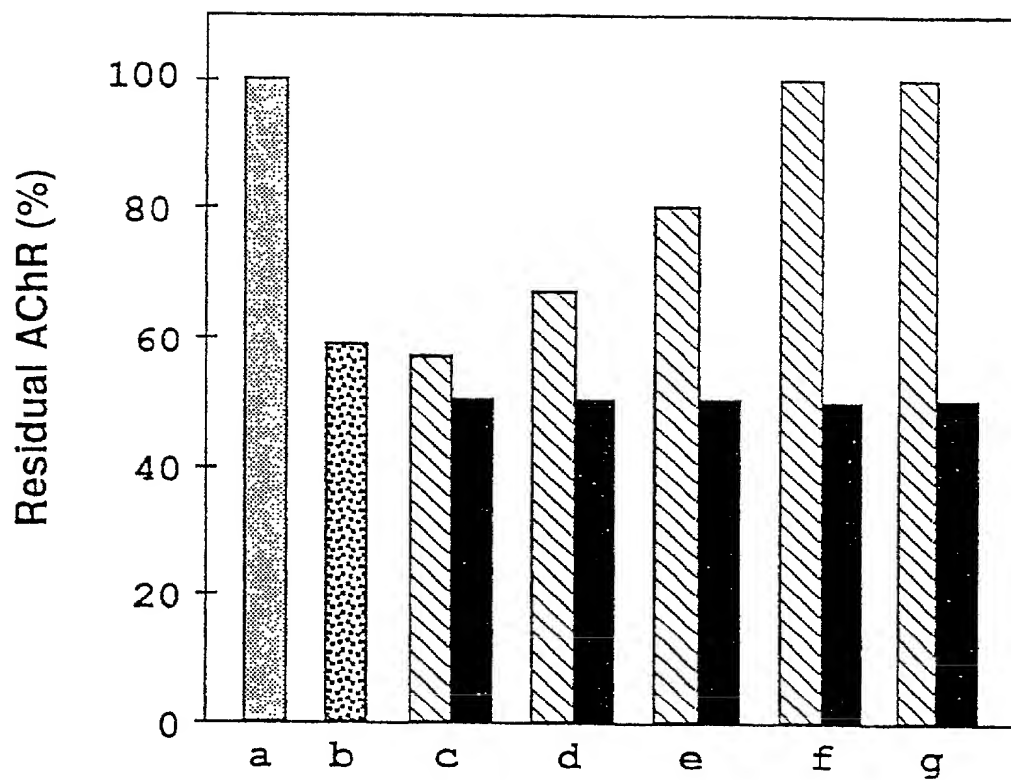


Fig7

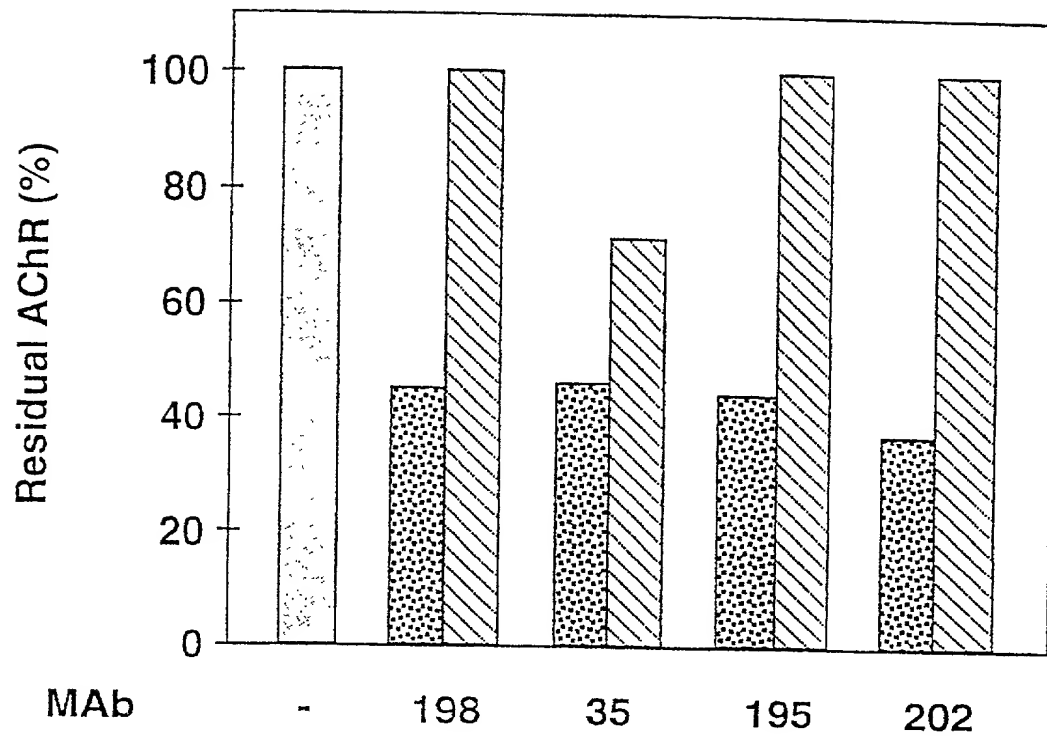


Fig 8

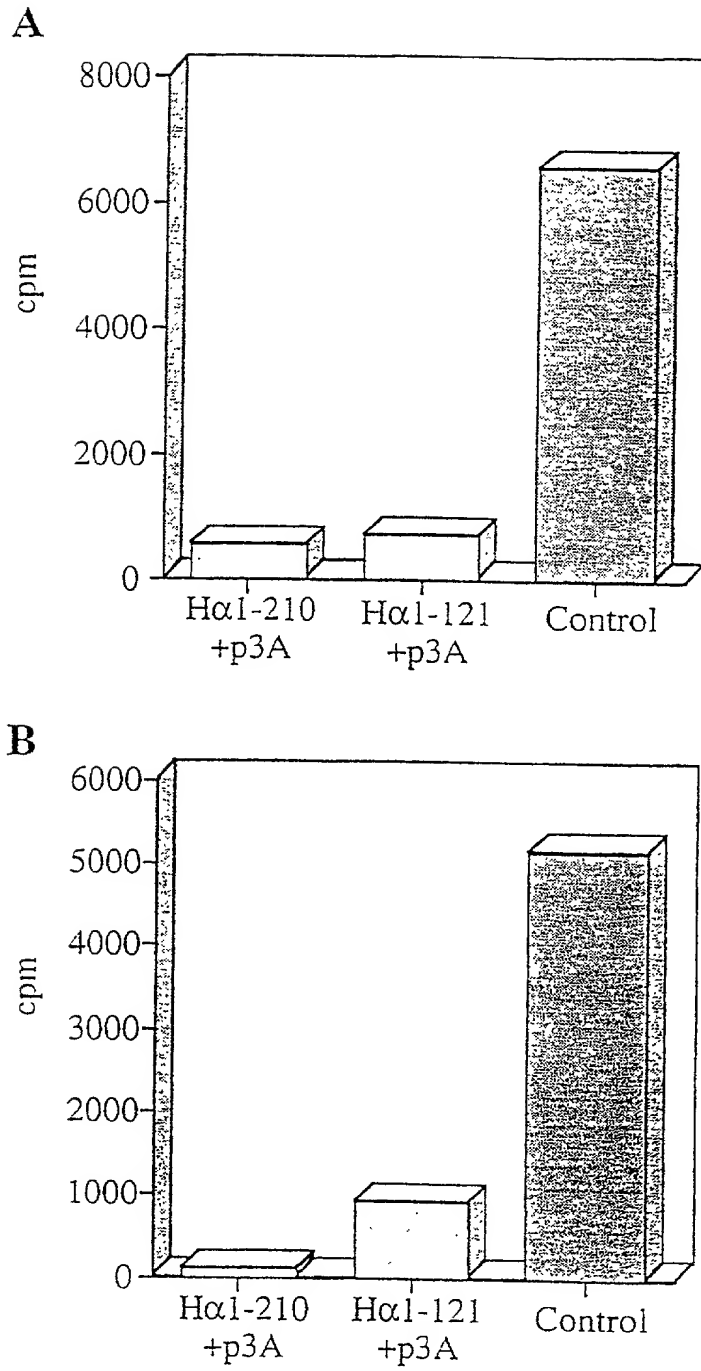


Fig.9



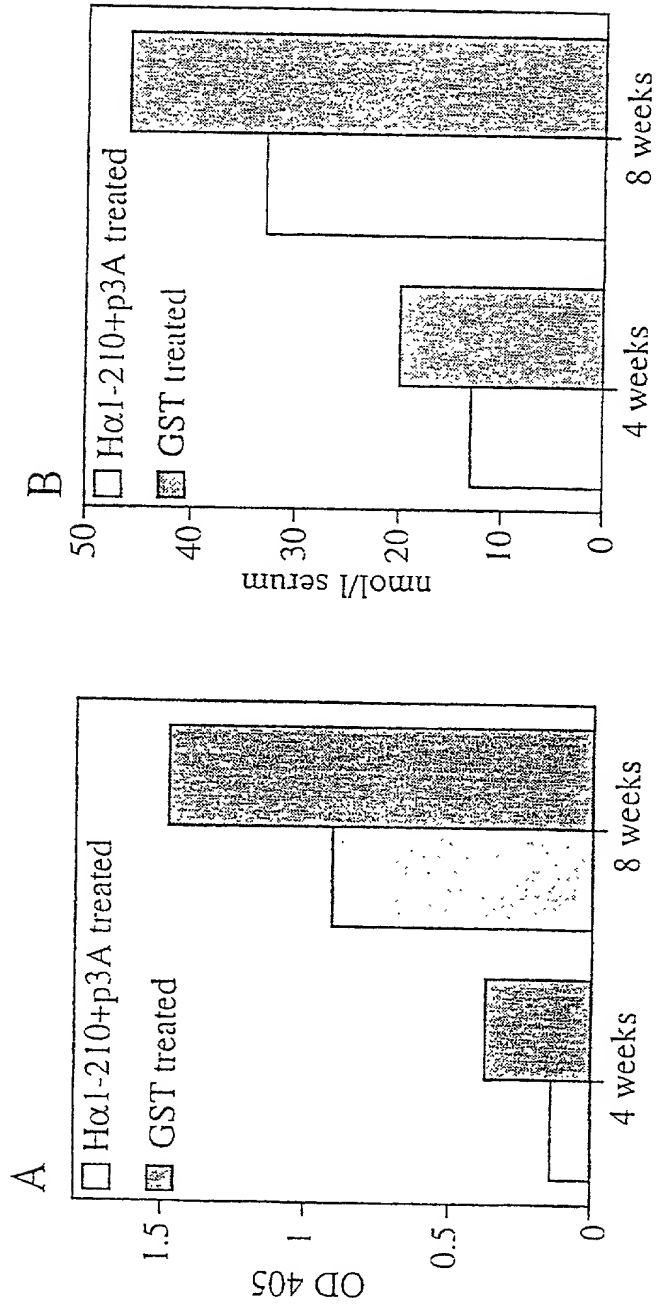
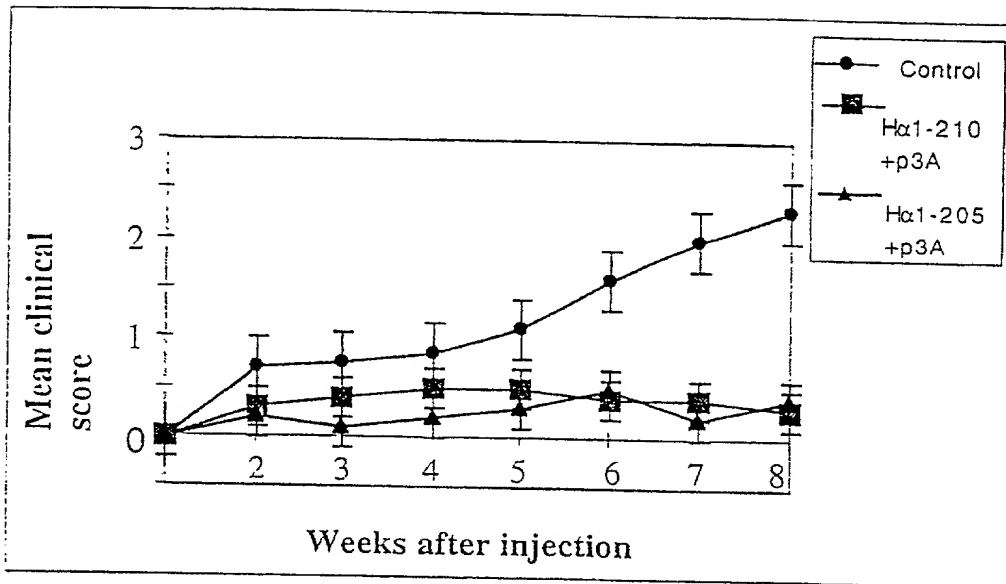


Fig. 10

A



B

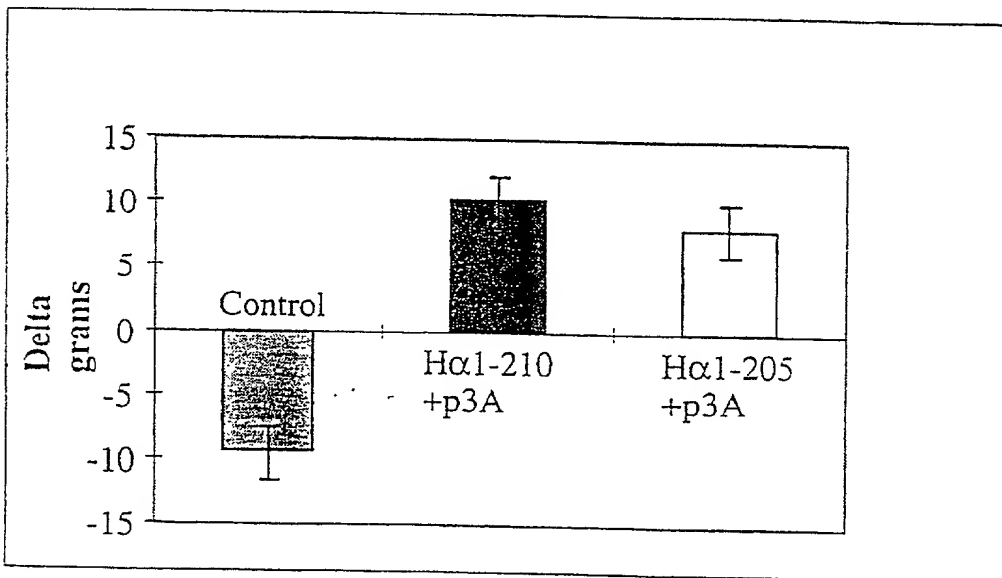
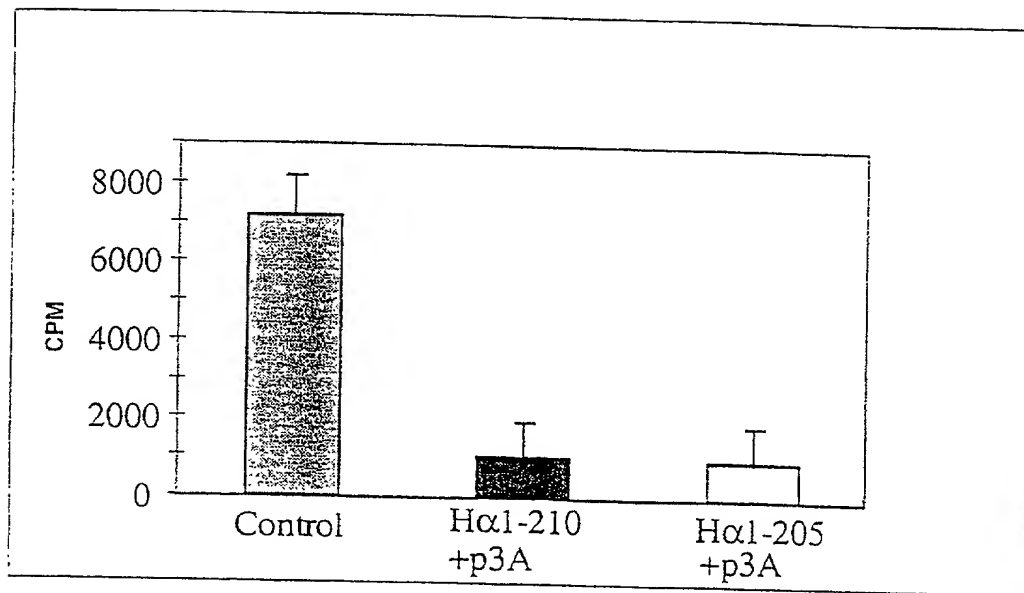


Fig.11

A



B

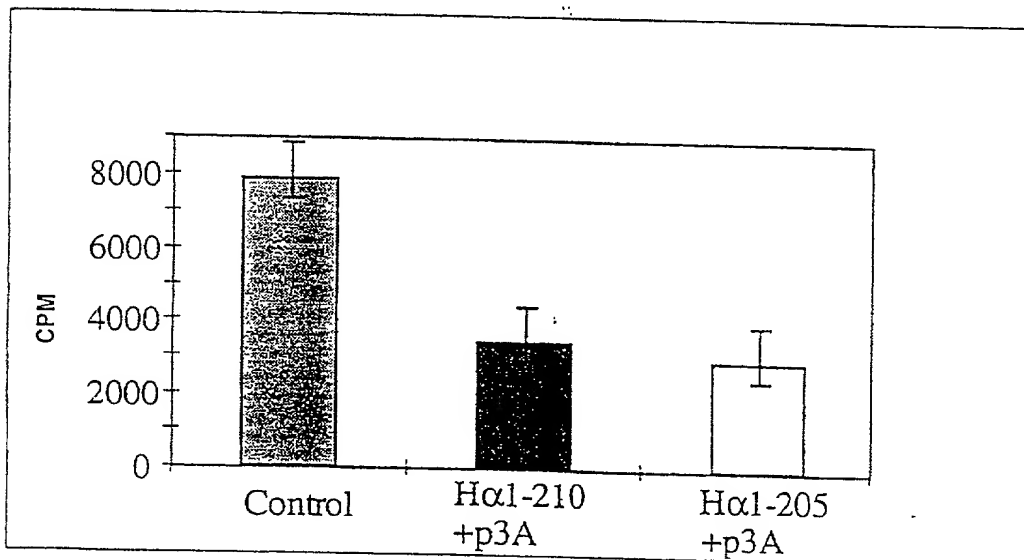
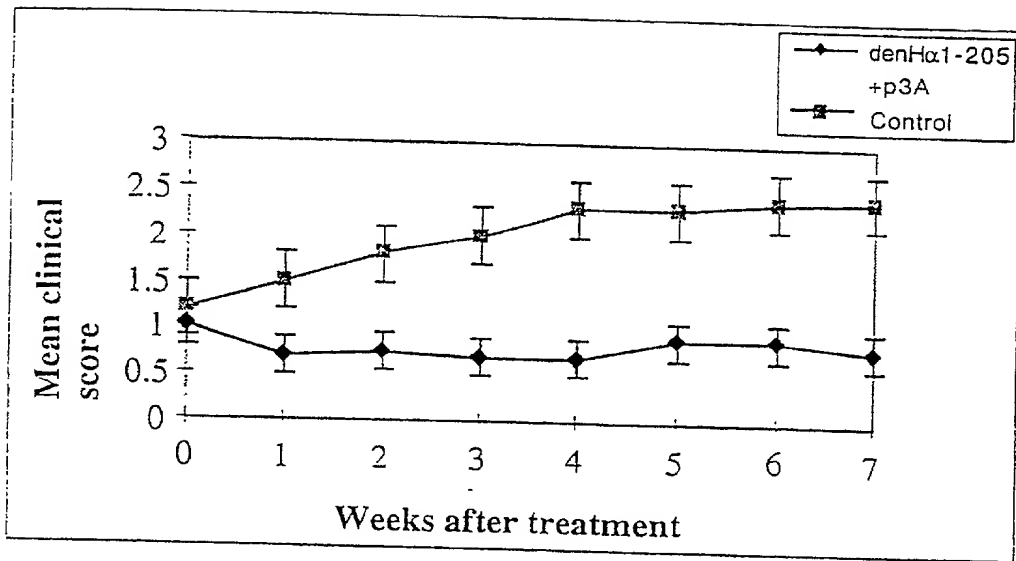


Fig.12

A



B

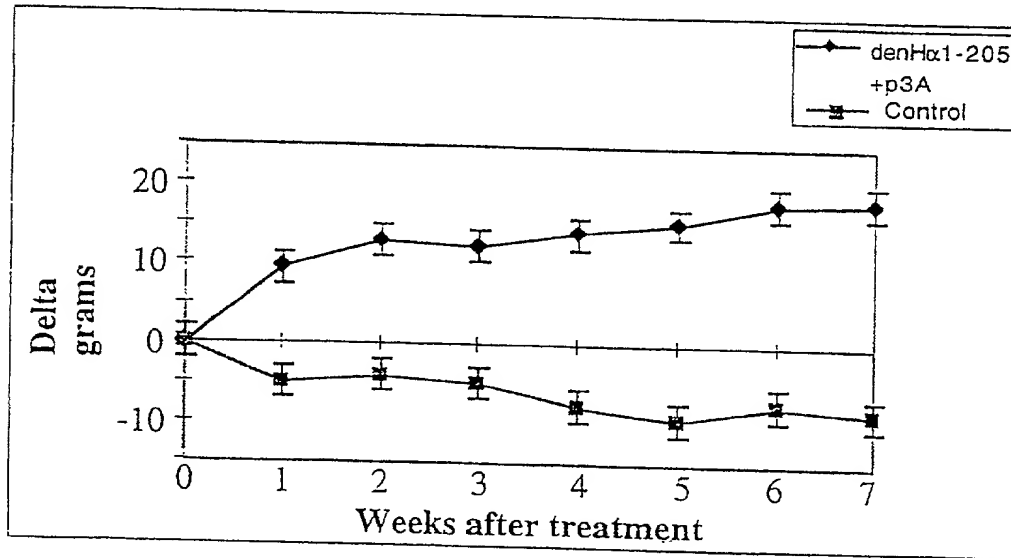


Fig. 13

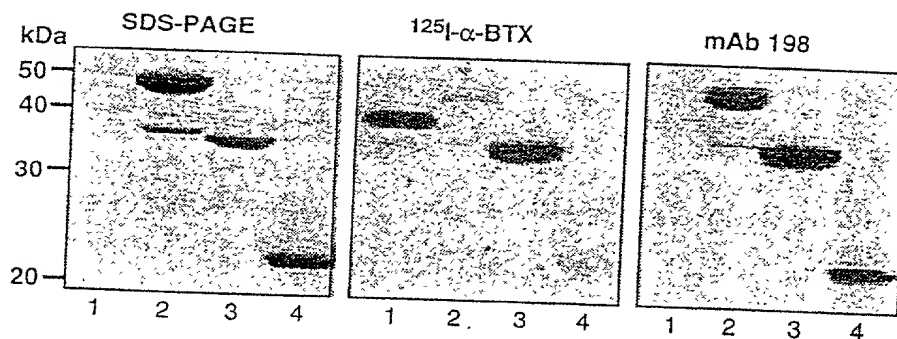


FIG. 14A

FIG. 14B

FIG. 14C

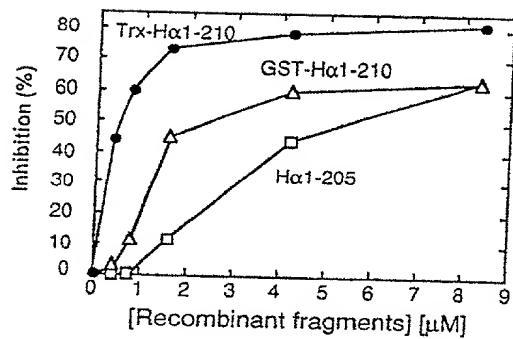


FIG. 15

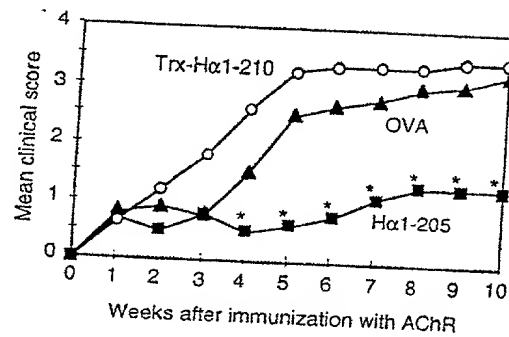


FIG. 16

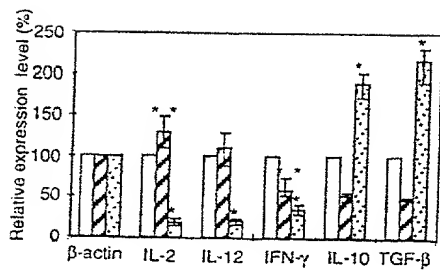


FIG. 17A

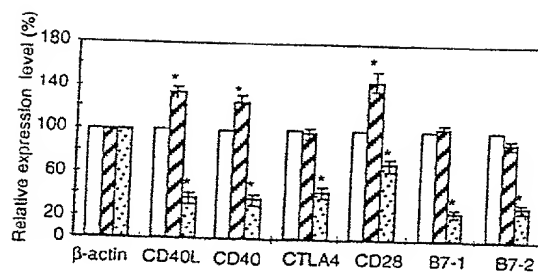


FIG. 17B

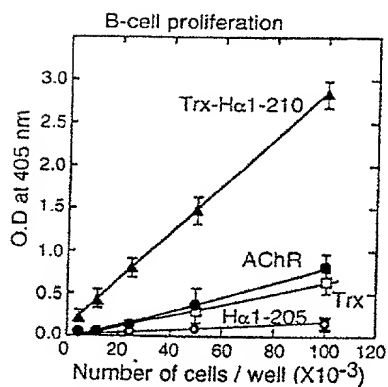


FIG. 18A

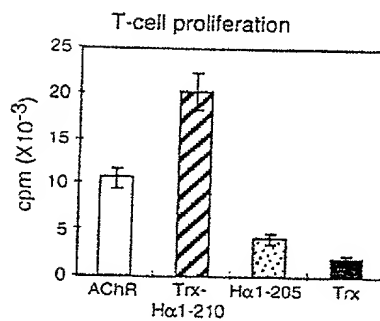


FIG. 18B